

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A method of manufacturing a light emitting device, comprising:
forming an anode over an insulator;
forming ~~an~~ a first EL layer comprising an organic EL material over the anode;
~~subjecting the EL layer to plasma processing~~ forming a second EL layer in the first EL layer
by subjecting the first EL layer to a plasma processing; and
forming a cathode over the second EL layer subjected to the plasma processing,
wherein the second EL layer is selected from the group consisting of a carrier injecting layer,
carrier transporting layer and a carrier blocking layer.

2. (currently amended) A method according to claim 1, wherein the plasma processing is carried out by ionizing gas for generating plasma, that which contains an element for lowering the LUMO level of the first EL layer ~~to generate plasma.~~

3. (currently amended) A method according to claim 1, wherein the plasma processing is carried out by ionizing gas for generating plasma, that which contains an element for increasing the HOMO level of the first EL layer ~~to generate plasma.~~

4. (currently amended) A method according to claim 1, wherein the plasma processing is carried out by ionizing gas for generating plasma, that which contains an element belonging to Group 1 or 2 in the periodic table ~~to generate plasma.~~

5. (currently amended) A method of manufacturing a light emitting device, comprising:
forming an anode over an insulator;
~~forming an EL layer over the anode~~ forming a first EL layer comprising a first material,
wherein the first material is an EL material;
forming a second EL layer comprising the first EL layer and a second material over the first
EL layer by subjecting the first EL layer to a plasma processing; and
forming a cathode over the second EL layer,
~~wherein the EL layer is formed through a process including forming a first EL film~~
~~comprising a first organic EL material over the anode, subjecting the first EL film to plasma~~
~~processing, and forming a second EL film over the first EL film subjected to the plasma processing~~
wherein the second EL layer is selected from the group consisting of a carrier injecting layer,
carrier transporting layer and a carrier blocking layer.

6. (currently amended) A method according to claim 5,
wherein the plasma processing is carried out by ionizing gas for generating plasma, that
which contains an element the second material for lowering, and
wherein the a LUMO level of the first EL layer is lowered by the second material to
generate plasma.

7. (currently amended) A method according to claim 5,
wherein the plasma processing is carried out by ionizing gas for generating plasma, that
which contains an element the second material for increasing, and
wherein the a HOMO level of the first EL layer is increased by the second material to

~~generate plasma.~~

8. (currently amended) A method according to claim 5,
wherein the plasma processing is carried out by ionizing gas for generating plasma, that
which contains ~~an element~~ the second material, and
wherein ~~belonging~~ the second material belongs to Group 1 or 2 in the periodic table ~~to~~
~~generate plasma.~~

9. (currently amended) A method of manufacturing a light emitting device, comprising:
forming a cathode over an insulator;
forming ~~an~~ a first EL layer comprising an organic EL material over the cathode;
~~subjecting the EL layer to plasma processing~~ forming a second EL layer in the first EL layer
by subjecting the first EL layer to a plasma processing; and
forming an anode over the second EL layer subjected to the plasma processing,
wherein the second EL layer is selected from the group consisting of a carrier injecting
layer, carrier transporting layer and a carrier blocking layer.

10. (currently amended) A method according to claim 9, wherein the plasma processing is
carried out by ionizing gas for generating plasma, that which contains an element for lowering the
LUMO level of the first EL layer ~~to generate plasma.~~

11. (currently amended) A method according to claim 9, wherein the plasma processing is
carried out by ionizing gas for generating plasma, that which contains an element for increasing the

HOMO level of the first EL layer ~~to generate plasma~~.

12. (currently amended) A method according to claim 9, wherein the plasma processing is carried out by ionizing gas for generating plasma, that which contains an element belonging to Group 1 or 2 in the periodic table ~~to generate plasma~~.

13. (original) A method according to claim 1, wherein the insulator is formed to cover a thin film transistor.

14. (currently amended) A method according to claim 1, wherein the first EL layer includes an organic ~~film~~ material that emits light through triplet excitation.

15. (original) A method according to claim 5, wherein the insulator is formed to cover a thin film transistor.

16. (currently amended) A method according to claim 5, wherein the first EL layer includes an organic ~~film~~ material that emits light through triplet excitation.

17. (currently amended) A method of manufacturing a light emitting device, comprising:
forming a cathode over an insulator;
forming ~~an~~ a first EL layer comprising a first material over the cathode, wherein the first material is an EL material; ~~and~~
forming a second EL layer comprising the first material and a second material over the first

EL layer by subjecting the first EL layer to a plasma processing; and

forming an anode over the second EL layer,

~~wherein the EL layer is formed through a process including forming a first EL film comprising a first organic EL material over the cathode, subjecting the first EL film to plasma processing, and forming a second EL film comprising a second organic EL material over the first EL film subjected to the plasma processing~~

wherein the second EL layer is selected from the group consisting of a carrier injecting layer, carrier transporting layer and a carrier blocking layer.

18. (currently amended) A method according to claim 17,

wherein the plasma processing is carried out by ionizing gas for generating plasma, that
which contains an element the second material for lowering, and

wherein the a LUMO level of the first EL layer is lowered by the second material to
generate plasma.

19. (currently amended) A method according to claim 17,

wherein the plasma processing is carried out by ionizing gas for generating plasma, that
which contains an element the second material for increasing, and

wherein the a HOMO level of the first EL layer is increased by the second material to
generate plasma.

20. (currently amended) A method according to claim 17,

wherein the plasma processing is carried out by ionizing gas for generating plasma, that

which contains ~~an element~~ the second material, and

wherein ~~belonging~~ the second material belongs to Group 1 or 2 in the periodic table to ~~generate plasma~~.

21. (original) A method according to claim 17, wherein the insulator is formed to cover a thin film transistor.

22. (currently amended) A method according to claim 17, wherein the first EL layer includes an organic ~~film~~ material that emits light through triplet excitation.

23. (previously presented) A method according to claim 1, wherein said light emitting device is incorporated into one selected from the group consisting of an EL display, a video camera, a digital camera, an image playback device, a mobile computer, a personal computer, a portable telephone, and a car audio stereo.

24. (previously presented) A method according to claim 5, wherein said light emitting device is incorporated into one selected from the group consisting of an EL display, a video camera, a digital camera, an image playback device, a mobile computer, a personal computer, a portable telephone, and a car audio stereo.

25. (previously presented) A method according to claim 9, wherein said light emitting device is incorporated into one selected from the group consisting of an EL display, a video camera, a digital camera, an image playback device, a mobile computer, a personal computer, a portable

telephone, and a car audio stereo.

26. (previously presented) A method according to claim 17, wherein said light emitting device is incorporated into one selected from the group consisting of an EL display, a video camera, a digital camera, an image playback device, a mobile computer, a personal computer, a portable telephone, and a car audio stereo.

27. (new) A method of manufacturing a light emitting device, comprising:
forming an anode over an insulator;
forming a first EL layer comprising an organic EL material over the anode;
forming a second EL layer in the first EL layer by subjecting the first EL layer to a plasma processing; and
forming a cathode over the second EL layer subjected to the plasma processing,
wherein a plasma generated by the plasma processing comprises a metal belonging to Group 1 or 2 in the periodic table.

28. (new) A method of manufacturing a light emitting device, comprising:
forming an anode over an insulator;
forming a first EL layer comprising an organic EL material over the anode;
forming a second EL layer in the first EL layer by subjecting the first EL layer to a plasma processing; and
forming a cathode over the second EL layer subjected to the plasma processing,
wherein a plasma generated by the plasma processing comprises a halogen element.

29. (new) A method of manufacturing a light emitting device, comprising:
forming a cathode over an insulator;
forming a first EL layer comprising an organic EL material over the cathode;
forming a second EL layer in the first EL layer by subjecting the first EL layer to a plasma processing; and
forming an anode over the second EL layer subjected to the plasma processing,
wherein a plasma generated by the plasma processing comprises a metal belonging to Group 1 or 2 in the periodic table.

30. (new) A method of manufacturing a light emitting device, comprising:
forming a cathode over an insulator;
forming a first EL layer comprising an organic EL material over the cathode;
forming a second EL layer in the first EL layer by subjecting the first EL layer to a plasma processing; and
forming an anode over the second EL layer subjected to the plasma processing,
wherein a plasma generated by the plasma processing comprises a halogen element.

31. (new) A method according to claim 27, wherein the metal is selected from the group consisting of lithium, beryllium, sodium, magnesium, kalium, calcium, cesium and barium.

32. (new) A method according to claim 28, wherein the halogen element is selected from the group consisting of fluorine, chlorine, bromine and iodine.

33. (new) A method according to claim 29, wherein the metal is selected from the group consisting of lithium, beryllium, sodium, magnesium, kalium, calcium, cesium and barium

34. (new) A method according to claim 30, wherein the halogen element is selected from the group consisting of fluorine, chlorine, bromine and iodine.

35. (new) A method according to claim 27, wherein the first EL layer includes an organic material that emits light through triplet excitation.

36. (new) A method according to claim 28, wherein the first EL layer includes an organic material that emits light through triplet excitation.

37. (new) A method according to claim 29, wherein the first EL layer includes an organic material that emits light through triplet excitation.

38. (new) A method according to claim 30, wherein the first EL layer includes an organic material that emits light through triplet excitation.

39. (new) A method according to claim 27, wherein said light emitting device is incorporated into one selected from the group consisting of an EL display, a video camera, a digital camera, an image playback device, a mobile computer, a personal computer, a portable telephone, and a car audio stereo.

40. (new) A method according to claim 28, wherein said light emitting device is incorporated into one selected from the group consisting of an EL display, a video camera, a digital camera, an image playback device, a mobile computer, a personal computer, a portable telephone, and a car audio stereo.

41. (new) A method according to claim 29, wherein said light emitting device is incorporated into one selected from the group consisting of an EL display, a video camera, a digital camera, an image playback device, a mobile computer, a personal computer, a portable telephone, and a car audio stereo.

42. (new) A method according to claim 30, wherein said light emitting device is incorporated into one selected from the group consisting of an EL display, a video camera, a digital camera, an image playback device, a mobile computer, a personal computer, a portable telephone, and a car audio stereo.